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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/730,020	12/09/2003	Shmuel Eidelman	000479.00064	2754
22907	7590	02/10/2005		
BANNER & WITCOFF 1001 G STREET N W SUITE 1100 WASHINGTON, DC 20001			EXAMINER COLLINS, TIMOTHY D	
			ART UNIT 3643	PAPER NUMBER

DATE MAILED: 02/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice of Allowability (FORM D-10)

Application No.

10/730.020

Examiner

Timothy Collins

[illegible]

Eidelman et al.

Art Unit

3643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is now in a condition for allowance, and the prosecution is closed.

However, in view of the Secrecy Order filed on 25 August 2004 under 35 USC (1952) § 181, this application will be withheld from issue during such period as the national interest requires.

1. ☒ This communication is responsive to application filed 12/9/03.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☒ The drawings filed on 4/30/04 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No.

* Certified copies not received: _____

5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.
7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

Attachment(s)

- 1 ☒ Notice of References Cited (PTO-892) 2 ☐ Notice of Informal Patent Application (PTO-152)
3 ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 4 ☐ Interview Summary (PTO-413), Paper No. ____ .
5 ☒ Information Disclosure Statements (PTO-1449), Paper No. ____ . 6 ☐ Examiner's Amendment/Comment
7 ☐ Examiner's Comment Regarding Requirement for Deposit 8 ☒ Examiner's Statement of Reasons for Allowance
of Biological Material 9 ☐ Other ____ .

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: the prior art of record all failed to show either alone and or in combination a Pulse Detonation Engine (PDE) constructed of a material having a "low thermal stability". The phrase "low thermal stability" being as stated in the specification on pages 5 and 6 as a material that exhibits melting, softening, decomposition, or other loss of dimensional stability at temperatures of about 600 K.

USPN 6,662,550 to Eidelman et al.

Claims 1-24 are Allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy D. Collins whose telephone number is 703-306-9160. The examiner can normally be reached on Every Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter M. Poon can be reached on 703-308-2574. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Timothy D. Collins
Patent Examiner
AU 3643

Peter M. Poon
Supervisory Patent Examiner
AU 3643